OEM® COMPANY
MINEOLA, NY 11501

OEM®
Tools for Professionals

3/8" Air Ratchet

Model: 25812

⚠WARNING

Read this manual before installing or operating your Air Ratchet.
Follow ALL of the safety precautions and instructions in this manual.

OEM 165 East 2nd Street P.O. Box 3 Mineola, NY 11501-0003	3/8" Air Ratchet Model No. 25812	Max Speed: 160 RPM Sound Pressure: 108 dB(a)
Min Hose Dia: 3/8 in (9.53 mm) Max Hose Length: 30 Ft. (9.14 meter) Max Pressure: 90 PSI (6.2 bar)	Always Wear SAFETY GOGGLES Always Wear HEARING PROTECTION	You Must READ INSTRUCTIONS Limit Exposure to VIBRATION

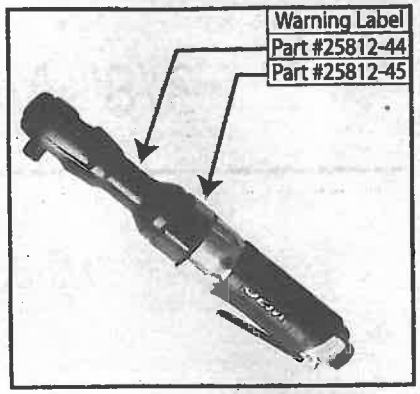
Safety Rules for Use of an Air Ratchet

This manual contains safety information, instructions and warnings for protection against serious injuries, including:

- Serious cuts or loss of eyes from broken or flying parts
- Permanent hearing loss due to exposure to loud noise
- Permanent tendon and ligament injury due to vibration and repetitive motion

This air-operated power tool is to be used only for tightening and loosening of threaded fasteners, using properly sized sockets and adapters. Impact rated sockets and adapters are not required for use with the air ratchet.

The air ratchet has warning labels that provide important reminders for safe use. Figure 1 shows the location and part number for each warning label. If any of these warning labels is not present, or is not legible, call us at 888-357-4803 for a free replacement.



⚠WARNING

Powerful forces and high velocities. Risk of serious injuries

- Do not use the air ratchet unless an emergency air shutoff valve is easily accessible (within easy reach – at most two or three steps, and easily operable)
- Before each use, check hose for wear or cuts, especially near fittings. Check hose for abrasion along its entire length. Replace worn or cut hose before applying air pressure to it.
- Do not permit bystanders
- When done using the air ratchet, shut off air supply and press trigger to release air pressure
- Release air pressure (pull trigger until air ratchet stops) before disconnecting air ratchet from hose

Risk of permanent hearing loss

- Wear hearing protection when using air ratchet

Possible broken and flying parts. Risk of loss of eyes or puncture wounds

- Wear safety goggles when using air ratchet
- Do not exceed 90 PSI (6.2 bar), over-torque can result
- Use only as a hand-held ratchet wrench
- Remove all loose items near fastener area (for example, rags and small parts)
- Secure workpiece so it will not move

Risk of crushed or broken bones, risk of scalping.

- Do not tape, band, or otherwise lock the trigger switch in the ON position
- Do not wear loose clothing or jewelry while operating air ratchet. Tie back long hair
- Have and maintain a steady stance (do not stretch or overreach) and firm (but not tight) grip
- Keep hand/arm/body from between air ratchet and stationary objects. Air ratchet will retreat while fastener is loosened.
- Wait for air ratchet to stop rotating before setting it down

Risk of serious injury or death due to use environment

- Do not use the air ratchet in a potentially explosive environment, such as near gasoline or other fumes. Impacts between the tool, sockets, and workpieces can create sparks.
- Do not use air ratchet near open flames or hot surfaces. Exhaust air contains oil mist
- Do not use air ratchet near any live electrical device. The air ratchet is not insulated
- Do not use impact wrench under water

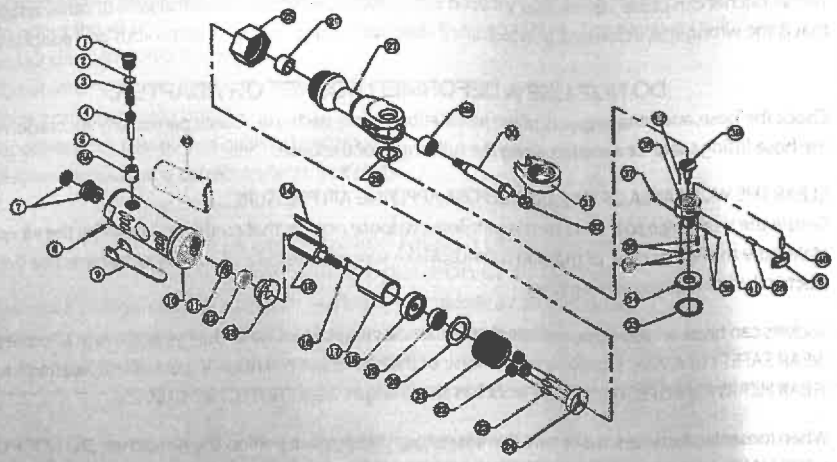
Impact wrench and tightening of fasteners are sources of significant vibration. Risk of permanent repetitive motion injury

- Immediately stop using air ratchet if tingling or numbness occur
- Keep hands warm while using air ratchet
- Tight gripping and cool environment will reduce blood flow to fingers and hands, and will hasten the onset of numbness and possible permanent injury

Risk of injury from incorrect use of accessories

- If the air ratchet is used with a balancer or suspension device, follow the attachment instructions provided by the balancer manufacturer. The air ratchet can fall if it is not securely attached to the balancer or suspension device.

3/8"DR. AIR RATCHET WRENCH



PART NO.	Description	QTY
25812-1	Throttle Valve Cap	1
25812-2	O-Ring	1
25812-3	Spring	1
25812-4	Valve Stem	1
25812-5	O-Ring	1
25812-5A	Valve Bushing	1
25812-6	Ratchet Pawl	1
25812-7	Inlet w/ Screen	1
25812-8	Spring Pin	1
25812-9	Throttle Lever	1
25812-10	Housing	1
25812-11	End Plate Cap	1
25812-12	Bearing	1
25812-13	End Plate	1
25812-14	Rotor Blade	4
25812-15	Rotor	1
25812-16	Spring Pin	1
25812-17	Cylinder	1
25812-18	Front Plate	1
25812-19	Bearing	1
25812-20	Washer	1
25812-21	Thread Ring Gear	1
25812-22	Gear	3
25812-23	Pin	3
25812-24	Gear Plate	1
25812-25	Cap	1
25812-26	Bushing	1
25812-26A	Bearing	1
25812-27	Ratchet Housing	1
25812-28	Pin	1
25812-29	Washer	1
25812-30	Crank Shaft	1
25812-31	Rathchet Yoke	1
25812-32	Drive Bushing	1
25812-33	Retaining Ring	1
25812-34	Washer	1
25812-35	Steel Ball	2
25812-36	Spring	2
25812-37	Steel Ball	1
25812-38	Ratchet Anvil	1
25812-39	Reverse Button	1
25812-40	Lock Pin	1
25812-41	Spring	1
25812-42	Roll Pin	1
25812-43	Grip	1
25812-44	Warning Label	1
25812-45	Nameplate	1